

5kwh

Wall-mounted lithium Battery



Typical Applications

- Residential Energy Storage: Stores excess solar energy for home use, reducing electricity bills effectively.
- Backup Power Supply: Provides reliable power during outages, ensuring uninterrupted essential device operation.
- Off-Grid Living: Supports independent energy systems, powering homes in remote locations sustainably.
- Load Shifting: Shifts energy usage to off-peak hours, optimizing cost and grid efficiency.
- Electric Vehicle Charging: Supplies stored energy for EV charging, enhancing home energy flexibility.
- Smart Home Integration: Monitors and manages energy via apps, improving usage and efficiency.

Parameter	Value	Value
	200AH 24V	100AH 48V
Charge Temperature	0 ~ +45°C	0 ~ +45°C
Discharge Temperature	-20 ~ +60°C	-20 ~ +60°C
Depth of Discharge	98%	98%
	Natural	Natural
Max. Operating Altitude	2000m	2000m
Nominal Charging Current	100A	40A
Nominal Discharging Current	100A	60A
	≤95%	≤95%
IP Rating of Enclosure	IP54	IP54
Transportation Certification	UN38.3/MSDS/DGM	UN38.3/MSDS/DGM
	LED	LED
Communication	RS485/RS232/CAN	RS485/RS232/CAN

Technical Data

Parameter	Value	Value
	200AH 24V	100AH 48V
Nominal Voltage	25.6 V	51.2V
Rated Capacity	200 Ah	100Ah
Nominal Capacity	5 kWh	5 kWh
Operating Voltage Range	21.6-28.8 V	43.2-57.6V
Cell Type	LFP (LiFePO4)	LFP (LiFePO4)
Battery Configuration	1P 16S	1P 16S
Dimensions	565*480*180mm	565*480*180mm
Weight	51 kg	51.5kg
Dimensions (in)	22.318*18.9*7.1 in	22.3*18.9*7.1 in
Weight (lbs)	112.4lbs	113.6 lbs